ZYXEL
NETWORKS

Sports & Entertainment

Creating Seamless, Secure, High-Speed Networks
for Large Events, Media Production, and Esports

Success Stories

When the Roar of the Crowd Hits, Is Your Network Ready?

Challenges

" Our infrastructure is a decade old. How can we meet the new international competition standards? "

" If the network crashes during halftime when thousands of fans are online, it's more than a glitch—it's a disaster for our operations. "

Challenges

01 **Broadcast & Video Data Demands**
Limited network bandwidth hinders live broadcasts and video analysis performance.

02 **Infrastructure Left Behind**
Mixed equipment and fragmented infrastructure make it hard to support modern stadium demands.

03 **Security Threats at Scale**
Cyber threats at venues and live events are rising, putting the safety of employees and spectators at risk.

SPORTS

When the Show Takes the Stage,
Is Your Network Ready?

" For pro-gamers and film directors, a millisecond of lag is the difference between a masterpiece and a failure. "

Challenges

" We are running a cashless festival in the open space. If the connection drops for even a minute, our revenue stops instantly. "

Challenges

01 **Speed & Bandwidth Limitations**
Unstable networks limit 4K/8K streaming, massive file transfers, and data-heavy workflows.
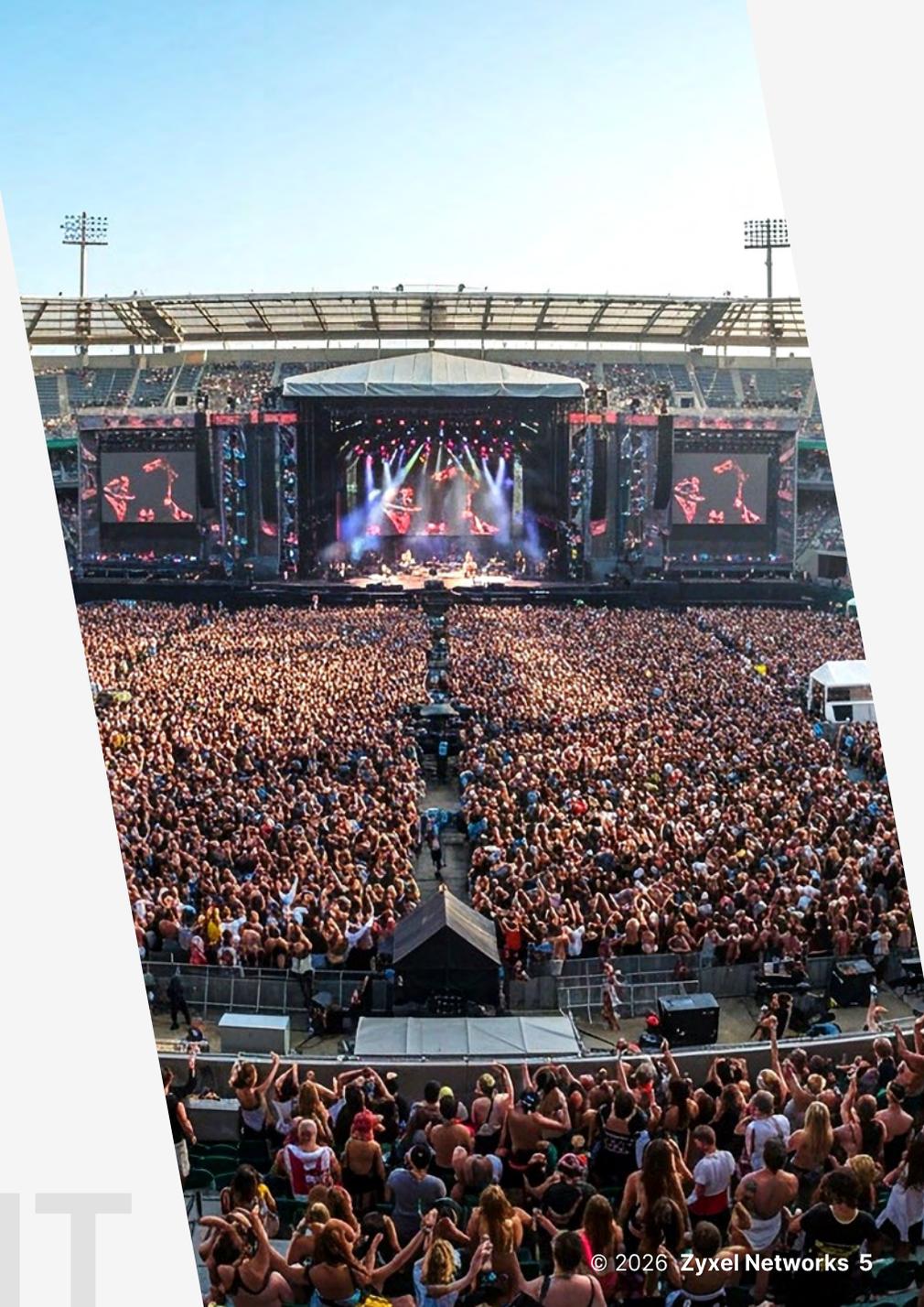
02 **Coverage Gaps**
Dead zones and weak WiFi disrupt operations in large venues and creative workflows in production.

03 **Revenue & Operations at Risk**
Network interruptions threaten cashless payments, ticketing, and critical client presentations.

ENTERTAINMENT

Creating Value for **SPORTS** Industry

01

Crowd-Scale Resilience
High-density connectivity keeps live broadcasts, ticketing, and fan sharing running flawlessly, even when every seat is full and every phone is online.

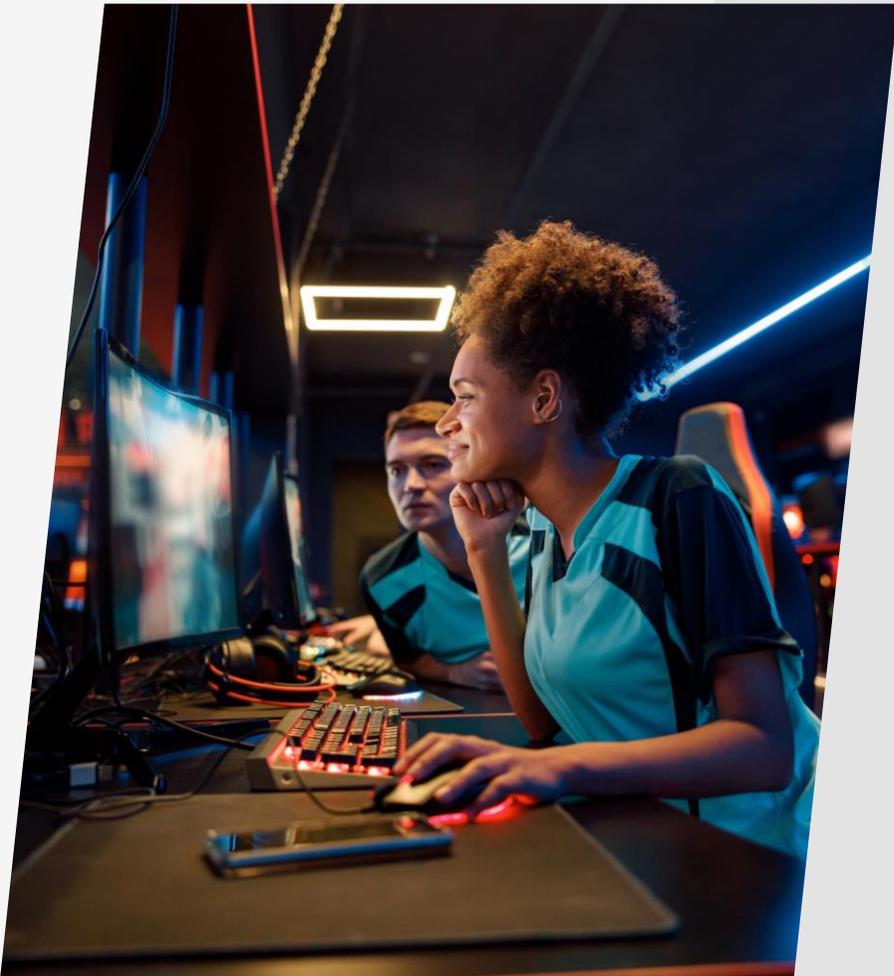**02**

Seamless Coverage, Zero Dead Zones
Full-venue signal eliminates blind spots across stadiums, ice rinks, and outdoor arenas, ensuring operators and fans stay connected from gate to final whistle.

03

Enterprise-Grade Security
Business-level protection safeguards payment systems, operational data, and fan privacy, meeting international competition standards with confidence.

Creating Value for **ENTERTAINMENT** Industry

01

Ultra-Low Latency for Live Moments
WiFi 7 and 5G connectivity eliminates lag in crowded festivals or music halls, ensuring digital payments never drop and live streams never buffer.

02

4K/8K-Ready Throughput
Massive bandwidth supports high-resolution production workflows and real-time file transfers, letting creative teams focus on their work, not their connection.

03

Rapid, All-Weather Deployment
Cloud-managed quick setup and outdoor-grade hardware handle open-air events, esports venues, and studio environments, from first rehearsal to final encore.

Nebula Cloud Solution

Managing wireless, switching, security and LTE/5G as one seamless solution, all from our centralized cloud platform.

Optimized Networks with AI Insights
Identifying and resolving network issues automatically with AI-driven diagnostics

Stronger Security Without Complexity
Safeguarding your network effortlessly with intelligent Zero Trust security features

Streamlined Network Management
Managing your network across multiple sites via a single, centralized cloud view

Security Firewalls

Protecting sensitive data and payment systems is critical for daily operations. Defending against rising cyberattacks requires smarter approaches to help prevent data leaks and revenue loss.
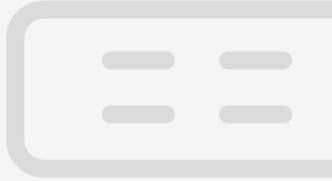
- Zero-trust security protects key assets
- AI-powered, proactive threat management
- Diving into Data Insights in a Snap
- Security Tailored Just for You

Wired Solutions

Building a robust network foundation for lag-free data transmission and multiple high-speed connections. Delivering greater agility and more efficient traffic management for today's converged applications.

- Handling large data transfers without bottlenecks
- Preventing network issues from cable misconnections
- Easy, cost-effective transition to multi-gigabit networking

Wireless Solutions

Ensuring reliable, high-speed connectivity for dense crowds and diverse digital workflows with stable WiFi and 5G failover helps prevent service interruptions and loss of engagement.

- Fast, stable connections even in the most crowded areas
- Handling harsh conditions at open-air stadiums or festivals
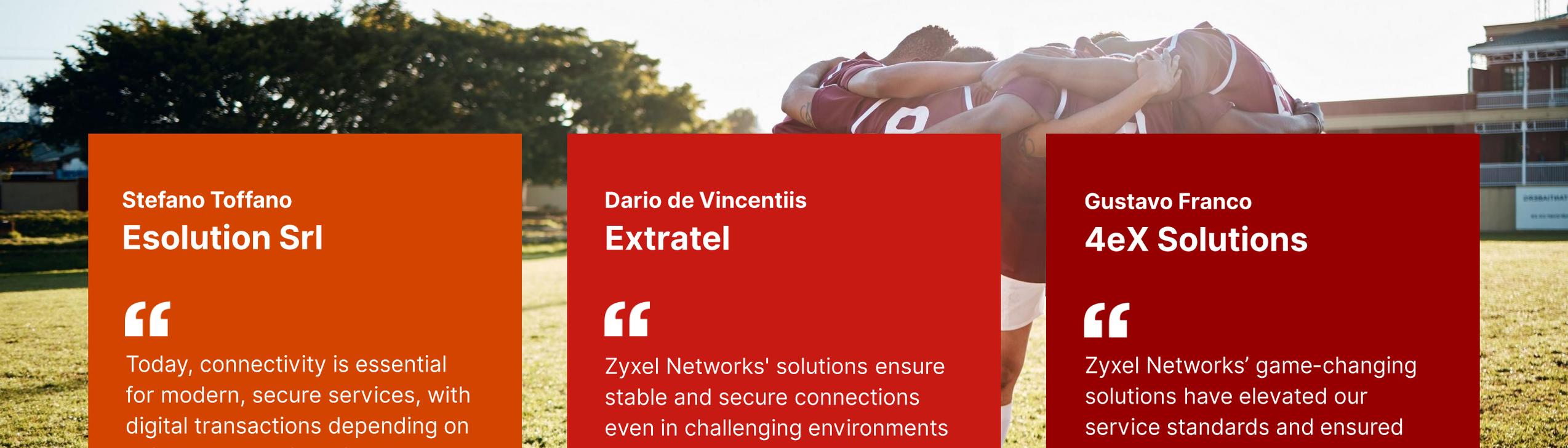- Easy to deploy, whether for outdoor or indoor use

Partners Chose Zyxel Networks

- **Product reliability you can count on**
- **Peace of mind in every deployment**
- **Commitment to service excellence**

Stefano Toffano
Esolution Srl

"

Today, connectivity is essential for modern, secure services, with digital transactions depending on reliable connections like those provided by Zyxel Networks."

Dario de Vincentiis
Extratel

"

Zyxel Networks' solutions ensure stable and secure connections even in challenging environments like outdoor areas exposed to harsh weather and heat."

Gustavo Franco
4eX Solutions

"

Zyxel Networks' game-changing solutions have elevated our service standards and ensured top-quality experiences for our customers."

SUCCESS IS A TEAM SPORT

WINNING AS ONE

Network connectivity is no longer a luxury for entertainment and sports venues. At **Zyxel Networks**, we work with our partners to ensure success in every project is a collaborative triumph.

Kosmos, Spain

Redefining the future of sports and driving innovations

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"Thanks to Zyxel Networks' Nebula solution, we met all our needs: security, high-speed connectivity, and powerful, stable WiFi at a competitive price. Everything is managed through an intuitive and easy-to-use platform, whether via the website or the smartphone application."

Isaac Alós Doménech
IT Manager
Kosmos Global Holding

Mountfield HK, Czech

Modernizing networks to enhance the arena's operations and security

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"The original IT infrastructure of the stadium no longer met the requirements for operating in the extra league competition. It was necessary to replace the outdated cable distribution, strengthen network security, and ensure regular infrastructure management. With the modernized network, we've also significantly enhanced the cybersecurity of the hockey arena's operations."

Bc. Petr Picka
Director
ČPP Aréna Hradec Králové

Stade de Genève Foundation, Switzerland

Enhancing game-day experience with secure seamless connectivity

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"The ticketing network and access system equipment had to be replaced in preparation for the Women's European Championship to meet the new UEFA standards. The network is now more reliable, secure, and equipped with backup measures to ensure continuity in case of device failure. Additionally, improved monitoring allows network issues to be detected and resolved much more efficiently."

Xavier Ris
Technical Director
Stade de Genève Foundation

Kings League, Brazil

Connecting fans with seamless networks for every play and cheer

The Kings League Brazil is more than a sports competition. It is a vibrant entertainment ecosystem that enables live broadcasts, audience engagement, and smooth operations for administrative and technical teams. Zyxel Networks' robust network met rigorous demand, delivering stable connectivity and flawless streaming, even in the most crowded areas.

Read More

Gym and fitness center, Korea

Powering up Korean gym's connectivity with reliable WiFi

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In the busy world of gyms and fitness centers, where members rely on WiFi for entertainment and communication during workouts, a seamless connection is vital. Previously using consumer-grade routers, a Korean gym faced challenges with WiFi interruptions and weak coverage areas. But with a new integrated WiFi, the Korean gym now provides members with reliable connectivity for an uninterrupted workout experience.

Grieghallen, Norway

Hitting the right note with the futureproof network

"Zyxel Networks' WiFi 7 access points and multi-gig switches, managed through the Nebula cloud platform, delivered exactly what we needed. The transition was smooth and now we have fast, stable internet, even in our busiest areas."

**Trond Olav Strømme
Technical Director
Grieghallen**

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Mamamia Alternative Music Club, Italy

Raising the bar for networking in the entertainment industry

The renowned destination for alternative music needed a reliable network to support its operations and audience across its venue of over 10,000 m². Zyxel Networks' solution ensures smooth connectivity, enhanced operational efficiency, and strengthened cybersecurity through centralized management. Now the venue provides a smooth and secure experience for both guests and staff.

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Houston Livestock Show and Rodeo, USA

Delivering reliable WiFi in the world's largest livestock rodeo show

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"Nebula really made the deployment, configuration, and administration easy. This was equipment that just started working immediately and hasn't had any problems. It's been plug and play and everybody's really happy with it. It's exceeded all my expectations."

Allen Rountree
Director of IT Infrastructure
Houston Livestock Show and Rodeo™ (HLSR)

dp smart, Taiwan

Enabling latency-free, HD livestreaming at crowded events

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"It's challenging for us to livestream in a high-density environment like an exhibition hall with thousands of concurrent users simultaneously connecting to the internet. Zyxel's NR5101 router features high-speed, low-latency 5G technology that significantly improves video lag and interruption issues, making it ideal for us to deliver 360-degree surround views."

Kevin Chiang
Founder & CEO
dp smart

Lux Eventi, This is Wonderland, Italy

Achieving immersive event experiences with secure connections

Zyxel Networks deployed an advanced network at This is Wonderland Napoli, a 40,000-square-meter site offering an immersive experience for all ages. The network offers comprehensive wireless coverage and robust security. The Nebula cloud networking solution simplified device deployment, and the Ethernet failover function ensured uninterrupted network services, even in challenging environments.

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Street Parade, Switzerland

Keeping payments running smoothly at the street festival

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The Street Parade in Zürich, Switzerland, is one of the world's largest and most iconic techno music events. The hot weather boosted beverage sales, with over 200 transactions processed per minute and more than 150,000 payments recorded. A highly reliable network was essential to power the event's cashless payment system. Thanks to Zyxel Networks' 5G routers, the transactions ran seamlessly from start to finish.

The Chase Films, UK

Making directors, data, and digital delivery simple

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"The best thing I can say about Zyxel Networks, our tech never gets in the way of what we do. It gives us control over what we need, no lags, no dropouts, it's just a part of our business that we don't need to worry about."

Alexander Roberts
Executive Producer
The Chase Films Ltd

O2 Filmes, Brazil

Empowering O2 Filmes' creativity with secure, seamless connectivity

"It was important for us to ensure the WiFi signal remains strong and consistent throughout the office. With Zyxel Networks' equipment in place, our building has WiFi coverage everywhere, and the service remains uninterrupted at any time."

Paulo Barcellos
CEO
O2 Filmes

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Broadcast Production Center, Korea

Empowering content creation with a reliable and secure network

A newly built broadcast content production center required a robust and efficient network infrastructure to support its extensive facilities, including a large studio and multiple editing rooms. Zyxel Networks' solution ensures seamless connectivity, enhanced security, and simplified network management. The new network can handle high user density and demanding data transfer needs of video production, while also improving network management efficiency.

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WASD Café, Thailand

Enhancing gaming experiences at the esports center

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"Zyxel Networks' switches are crucial in upgrading our network to a multi-gigabit environment. They integrate with our older and newer devices seamlessly, marking a significant improvement over traditional switches that only support 1Gbps. With high-speed 10Gbps connectivity, we can now host esports events without worrying about slow connectivity."

**Prasopchoke Chantaramongkol
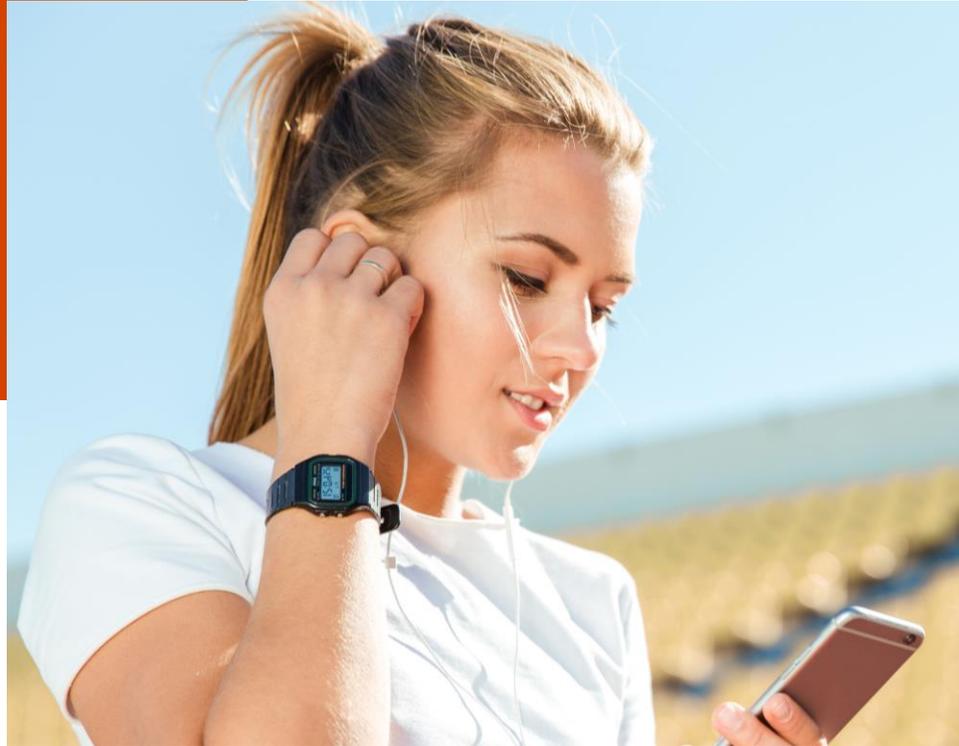Founder and Managing Director
WASD Café**

MP3 Arena, Brazil

Elevating esports experience with game-changing network

MP3 Arena set out to transform a conventional movie theater into a cutting-edge gaming paradise. Its goal was clear: to deliver high-quality network performance with minimal latency for passionate gamers. Zyxel Networks' game-changing solution elevated service standards, transforming the former cinema into a top-tier gaming arena for players seeking the ultimate online gaming experience.

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Download our eBook to learn how to

transform audiences into loyal fans, and streamline creative processes into high-efficiency output.

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